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Quality Management System
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Test Report Concrete Compressive strength

Project Name	Package No.06 Consists of 14 Works
Client	Executive Engineer - Byatarayanapura Division
Job No	MCTPL/BBMP/EE/BTP/PMC//P-3877/2022-23/QR
Mix Type	M20 for ramp concrete
Contractor	M/s SMLP Asphalts, Prop. Sri B B Umesha,
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Laboratory
Material	Concrete
Sample No	2
Casting Date	8-Dec-2022
Tested Date	5-Jan-2023

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m ³)	Max. Load (KN)	Area (m ²)	Compressive Strength (N/mm ²)	Avg. Sample Strength	Avg. Strength (N/mm2)
1	20	28	8.48	150*150*150	2512.59	465.00	0.0225	20.67	20.80	20.73
2	20	28	8.50	150*150*150	2518.52	471.00	0.0225	20.93		
3	20	28	8.43	150*150*150	2497.78	468.00	0.0225	20.80		
4	20	28	8.60	150*150*150	2548.15	471.00	0.0225	20.93	20.67	
5	20	28	8.59	150*150*150	2545.19	454.00	0.0225	20.18		
6	20	28	8.46	150*150*150	2506.67	470.00	0.0225	20.89		

Results: 28-days Compressive strength of Concrete is 20.73 N/mm²

Comments: 28-days Compressive strength of M20 Concrete should not be less than 20 N/mm²

Note:

- The results indicated above are based on the tests carried out on the sample at site.
- The results relate only to the items tested.
- This test report should not be reproduced except in full, without written approval of this laboratory.
- Any query regarding the report must be reported immediately.

Mecadez Core Technologies Private Limited

Authorized Signature


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